

Hi Art.

The more I think about the presentation, the more I wonder if maybe you all would benefit more from a series of presentations. We could present the upfront background piece with some info on regs and sources of data some time between Feb 6-10 as you suggested, and then maybe take 15-20 minutes of the monthly call and present a more focused UIC topic.

Region 6 specializes in analysis of well data so one of the smaller presentations (=the monthly call ppt) could be on some of the petroleum engineering approaches they use to identify well anomalies. It may be an approach that would work well combined with the geological data USGS collects. R6 has analyzed the available injection pressure and volume data from the Youngstown, Ohio, well so maybe we could even use that as a case study to describe what we can learn from that data. R6 has mentioned several times how a combination of geoscience and petroleum engineering approaches would be a very powerful tool, and we couldn't find any existing published literature that used the combination to analyze seismicity.

I'm sure there are other focused topics on UIC that may help you all with injection-induced seismicity work, but I'll have to think about it. Just thought I'd throw that idea in the ring in case it sparked any ideas on your side.

Thanks,

Jill Dean Physical Scientist OGWDW / DWPD Phone: 202-564-8241

Fax: 202-564-3757

Art McGarr

Hi Jill, After the conference call today, which w...

01/18/2012 08:08:25 PM

From:

Art McGarr <mcgarr@usgs.gov> Jill Dean/DC/USEPA/US@EPA

Cc:

GS-G-WR ESC Induced Seismicity <GS-G-WR ESC Induced Seismicity@usgs.gov>

Date:

01/18/2012 08:08 PM

Subject:

Video conference

Hi Jill,

After the conference call today, which was quite useful for us as we move ahead with the Raton Basin task, we discussed possible dates for the Video Conference concerning the decision-making process for developing EPA regulations. Nearly everyone here favors having this conference on any day during the week 6 to 10 February. This would give us time to get the video conferencing technology worked out here. If none of these dates work for you, please let me know and we'll suggest other dates.

Best wishes,

Art



Fw: link to CBS Ohio news story of earthquakes and injection Jill Dean to: Art McGarr

01/05/2012 10:30 AM

Just saw you on the news! Congratulations!

Cheers,

Jill Dean Physical Scientist OGWDW / DWPD Phone: 202-564-8241 Fax: 202-564-3757

---- Forwarded by Jill Dean/DC/USEPA/US on 01/05/2012 10:30 AM -----

http://www.cbsnews.com/sections/eveningnews/main3420.shtml

See below for screen shot of link



01/19/2012 09:25 AM

Hi Art,

The oil and gas database EPA subscribes to is compiled and maintained by HPDI, Inc. I have some documentation on the type of data HPDI uses if you're interested.

Thanks!

Jill Dean Physical Scientist OGWDW / DWPD Phone: 202-564-8241 Fax: 202-564-3757



follow-up on other USGS seismic work in Jill Dean to: Art McGarr

12/21/2011 08:27 AM

Hi Art,

In the last meeting we had on Dec 1, we talked a bit about other groups within USGS who may be doing work in seismicity with EPA. The points of contact I had written down were Pierre Glynn and Mark Engle. Did anyone find out what they were working on and who they were working with in EPA?

Thanks,

Jill Dean Physical Scientist OGWDW / DWPD Phone: 202-564-8241 Fax: 202-564-3757



seismicity call in # Jill Dean to: Art McGarr

09/28/2011 07:44 AM

Hi Art,

Call-in # below.

Thanks!

Jill Dean Physical Scientist OGWDW / DWPD Phone: 202-564-8241 Fax: 202-564-3757

---- Forwarded by Jill Dean/DC/USEPA/US on 09/28/2011 07:43 AM -----



USGS seismicity

Wed 09/28/2011 12:00 PM - 1:00 PM

Attendance is for Jill Dean

Chair.

Nancy Dorsey/R6/USEPA/US

Rooms:

Edwards Aquifer - 11.O15/R6 - 11th Floor@EPA



This entry has an alarm. The alarm will go off before the entry starts.

Required:

Jill Dean/DC/USEPA/US@EPA, Ken-E Johnson/R6/USEPA/US@EPA, Philip Dellinger/R6/USEPA/US@EPA, Susie McKenzie/R6/USEPA/US@EPA

Delinigen Norooci Aroo@ci A, ousie W

Optional:

Brian Graves/R6/USEPA/US@EPA

Time zones:

This entry was created in a different time zone. The time in that time zone is: Wed 09/28/2011

11:00 AM CDT12:00 PM CDT

Description

We can use this call in number If you like Jill:

Conference number 866-299-3188 Code 2146652294